

RSF Project Number	German PI	German Institution	Russian PI	Russian Institution	Project Title
19-41-04106	Müller, Wolfgang H.	Technische Universität Berlin Institut für Mechanik Fachgebiet Kontinuumsmechanik und Materialtheorie	Porubov, Alexey V.	Russian Academy of Sciences Institute of Problems of Mechanical Engineering, St. Petersburg	Anomalous energy transfer in crystalline materials from the viewpoints of discrete mechanics and continuum theory
19-41-04109	Niessner, Matthias	Technische Universität München Lehrstuhl für Informatik XV: Graphik und Visualisierung, Garching	Burnaev, Evgeny	Skolkovo Institute for Science and Technology (Skoltech), Computer Science Moscow	Making Machine Learning on Static and Dynamic 3D Data Practical
19-42-04101	Blume, Christoph; Bratkovskaya, Elena	Goethe-Universität Frankfurt am Main Fachbereich Physik Institut für Kernphysik, Frankfurt; GSI Helmholtzzentrum für Schwerionenforschung GmbH, Theorieabteilung, Darmstadt	Kolesnikov, Vadim	Joint Institute for Nuclear Research (JINR), Veksler and Baldin, Laboratory of High Energy Physics, Dubna	Exploring the strangeness dimension of the phase diagram of strongly-interacting matter
19-42-04105	Meier, Torsten; Sharapova, Polina	Universität Paderborn Fakultät für Naturwissenschaften	Tikhonova, Olga	Physics Department Lomonosov Moscow State University, Moscow	Semiconductor quantum wells excited by non-classical states of light: Interplay between photonic quantum correlations and many-body interactions in solid state systems
19-42-04119	Mikolajick, Thomas	Technische Universität Dresden Institut für Halbleiter- und Mikrosystemtechnik (IHM)	Vankov, Alexandr; Kukushkin, Igor	Institute of Solid State Physics, Russian Academy of Sciences, Chernogolovka (both applicants)	New wide-gap semiconductor materials for optoelectronics and for fundamental research
19-42-04120	Pikovskiy, Arkady	Universität Potsdam Institut für Physik und Astronomie	Goldobin, Denis	"Institute of Continuous Media Mechanics of the Ural Branch of Russian Academy of Science" – branch of the Perm Federal Research Centre (ICMM UB RAS)	Collective Dynamics of Deterministic and Noisy Oscillator Populations: Beyond Ott-Antonsen Theory
19-42-04121	Marwan, Norberg	Potsdam-Institut für Klimafolgenforschung (PIK)	Mukhin, Dmitry	The Institute of Applied Physics of the Russian Academy of Sciences (IAP RAS), Nizhny Novgorod	Nonlinear Empirical Mode Analysis of Complex Systems: Development of General Approach and Applications in Climate
19-42-04132	Schmieden, Hartmut	Rheinische Friedrich-Wilhelms-Universität Bonn Physikalisches Institut	Lisin, Valery	Institute for Nuclear Research of the Russian Academy of Sciences, Moscow	Investigation of open and hidden strangeness Baryons with the BGOOD experiment at ELSA - here: $K^*(0,+)$ photoproduction off proton and neutron
19-42-04133	Kärtner, Franz Xaver	Deutsches Elektronen-Synchrotron (DESY) Center for Free-Electron Laser Science (CFEL), Hamburg	Stepanov, Andrey N.	Russian Academy of Science Institute of Applied Physics, Nizhny Novgorod	Generation of sub-picosecond electron bunches by strong terahertz fields for high gradient electron acceleration and ultrafast electron diffractive imaging
19-42-04137	Ustinov, Alexey V.	Karlsruher Institut für Technologie (KIT) Physikalisches Institut	Fistul, Mikhael	Theoretical Physics and Quantum Technologies Department, National University of Science and Technology MISIS, Moscow	Quantum dynamics of Josephson fluxons
19-43-04101	Haase, Jürgen	Universität Leipzig Fakultät für Physik und Geowissenschaften Institut für Experimentelle Physik II, Leipzig	Stepanov, Alexander	Boreskov Institute of Catalysis, Novosibirsk	Mechanisms of small alkane activation and aromatization on zinc-modified zeolite catalysts
19-43-04104	Richtering, Walter	Rheinisch-Westfälische Technische Hochschule Aachen Institut für Physikalische Chemie, Aachen	Yaroslavov, Alexander	Lomonosov Moscow State University Department of Chemistry	Multifunctional liposomal containers based on polymeric microgels

19-43-04112	Gross, Axel	Universität Ulm Fakultät für Naturwissenschaften Institut für Theoretische Chemie	Yashina, Lada	Department of Chemistry Moscow State University	Enhancing capacity and rechargeability of lithium-air batteries by precise control of reaction zone dimensions and mediators
19-43-04116	Buntkowsky, Gerd	Technische Universität Darmstadt Eduard-Zintl- Institut Fachgebiet Physikalische Chemie	Ivanov, Konstantin	Russian Academy of Sciences - Siberian Branch International, Tomography Center, Novosibirsk	Development and Application of Novel Parahydrogen based NMR Techniques
19-43-04119	Hey-Hawkins, Evamarie	Universität Leipzig Institut für Anorganische Chemie	Karasik, Andrey	A.E. Arbuzov Institute of Organic and Physical Chemistry - Subdivision of the Federal State Budgetary Institution of Science, "Kazan Scientific Center of RAS"	Molecular design of novel luminescent complexes based on hybrid phosphine ligands for chemo- and biosensing applications
19-43-04127	Ihmels, Heiko	Universität Siegen Fakultät IV Department Chemie - Biologie Organische Chemie II	Fedorov, Yury	A. N. Nesmeyanov Institut für Organo–element–verbindungen, Russische Akademie der Wissenschaften, Moskau	Photoinduced in situ generation of DNA-targeting ligands: Novel approaches towards cytotoxic DNA- binding and DNA-damaging agents
19-43-04129	Aswartham, Saicharan; Büchner Bernd; Efremov, Dmitri	Leibniz-Institut für Festkörper- und Werkstoffforschung Dresden (IFW) e.V. Institut für Festkörperforschung (all applicants)	Morozov, Igor Viktorovich	Lomonosov Moscow State University Chemistry Department	Weyl and Dirac semimetals and beyond– prediction, synthesis and characterization of new semimetals
19-44-04111	Mokhir, Andriy	Friedrich-Alexander-Universität Erlangen- Nürnberg Department Chemie und Pharmazie Lehrstuhl für Organische Chemie II	Zatsepin, Timofei S.	Skolkovo Institute of Science and Technology	Cancer cell-specific RNA interference in vivo
19-47-04110	Lhuillier, Florian	Ludwig-Maximilians-Universität München Fakultät für Geowissenschaften Department für Geo- und Umweltwissenschaften	Pavlov, Vladimir E.	Russian Academy of Sciences (RAS/RAN) The Schmidt Institute of Physics of the Earth, Moscow	Behaviour of the Earth's magnetic field during superchrons: comparative study of the Cretaceous and Meso-Neoproterozoic Maya events recorded in the flows of the Okhotsk- Chukotka Volcanic Belt (NE Russia) and the sediments of the Yenisey Ridge (SW Siberia)
19-48-04107	Uthmeier, Thorsten	Friedrich-Alexander-Universität Erlangen- Nürnberg Institut für Ur- und Frühgeschichte	Krivoshapkin, Andrey I.	Institute of Archaeology and Ethnography of the Siberian Branch of the Russian Academy of Sciences (IAET SB RAS), Novosibirsk	The origin of the easternmost Neanderthals: comparative studies of the Sibiryachikha industry from the Russian Altai
19-48-04110	Renner, Andreas	Ludwig-Maximilians-Universität München Historisches Seminar Abteilung für Geschichte Osteuropas und Südosteuropas	Vishlenkova, Elena	National Research University "Higher School of Economics" Moscow School of History	On Land and Sea. Medical geography in the Russian empire (1770—1870)
19-48-04112	Stadelmann, Matthias	Friedrich-Alexander-Universität Erlangen- Nürnberg Department für Geschichte Lehrstuhl für Osteuropäische Geschichte	Solovyov, Kirill Andreyevich	Institut Rossijskoj Istorii Rossijskoj Akademii Nauk, Moskau	Russian republicanism from the middle ages until the end of the 20th century
19-49-04101	Krooß, Philipp	Universität Kassel Institut für Werkstofftechnik Fachgebiet Metallische Werkstoffe, Kassel	Chumlyakov, Yuriy Ivanovich	Tomsk State University, Siberian Physical Technical Institute, Laboratory of physics of high- strength crystals, Tomsk	Tension-compression asymmetry of Fe-Ni-Co-Al-X (X= Nb, Ti, Nb-Ti) shape memory alloys – Impact of nanocrystalline precipitates on functional properties
19-49-04105	Gries, Thomas	Rheinisch-Westfälische Technische Hochschule Aachen Fakultät für Maschinenwesen Institut für Textiltechnik, Aachen	Teplyakov, Vladimir Vasilievich	A.V.Topchiev Institute of Petrochemical Synthesis Russian Academy of Sciences, Moskau	Development of gas (vapor) separation hollow fibers based on green technology approach and new 3D woven design of membrane modules

19-49-04108	Rehtanz, Christian	Technische Universität Dortmund Fakultät für Elektrotechnik und Informationstechnik	Voropai, Nikolai	Melentiev Energy Systems Institute - Siberian Branch of the Russian Academy of Sciences, Irkutsk	Development of Innovative Technologies and Tools for Flexibility Assessment and Enhancement of Future Power Systems
19-49-04112	Plettmeier, Dirk	Technische Universität Dresden Institut für Nachrichtentechnik Lehrstuhl Hochfrequenztechnik	Sultanov, Albert Khanovich	Telecommunication Systems Department (TSD), USATU, Ufa State Aviation Technical University	Integrated solutions for optical orbital angular momentum multiplexed transceiver